Absolute Math Area of Regular Polygons Given an Apothem Guided Notes Instructions

**Absolute
Math Area of Regular Polygons Given an Apothem
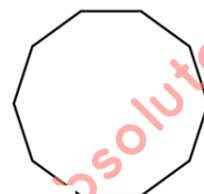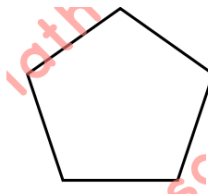Guided Notes Instructions**

Contents

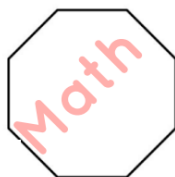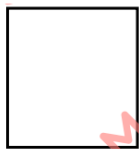**Area of Regular Polygons Given an Apothem Guided Notes**

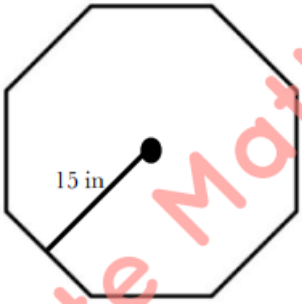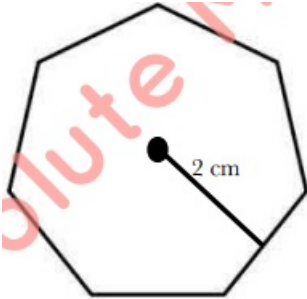**Area of Regular Polygons Guided Notes**

An apothem is a _____ that is drawn from the _____ of a regular polygon and is _____ to one of the sides.

Formula:

Draw an apothem for each regular polygon.

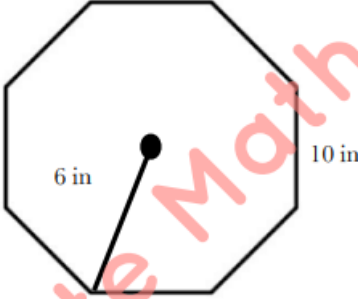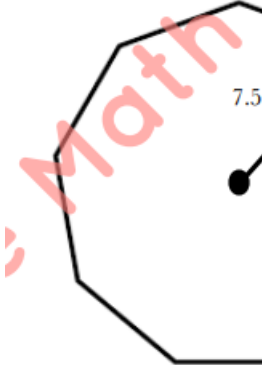Calculate the area of the regular polygon.

15 in	
2 cm Perimeter is 35 cm.	P

The local community wants to block off an area for a dance in the park. They want to do a shape of a decagon. Each side of the decagon will be 50 yards. The DJ will be set up in the middle of the decagon and will be 35 yards away from all the sides. What is the area of the dance area?
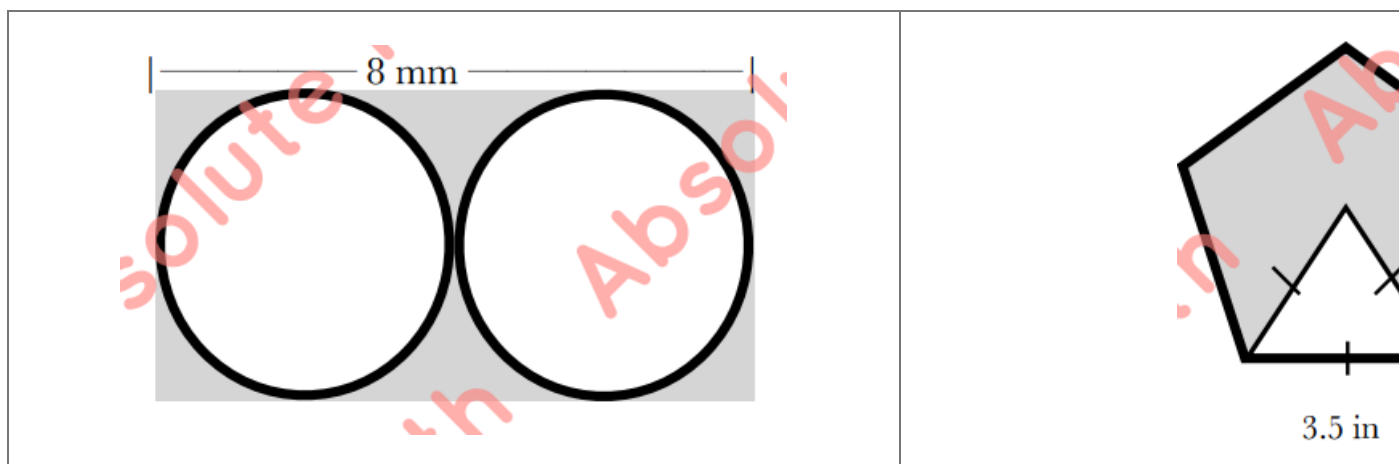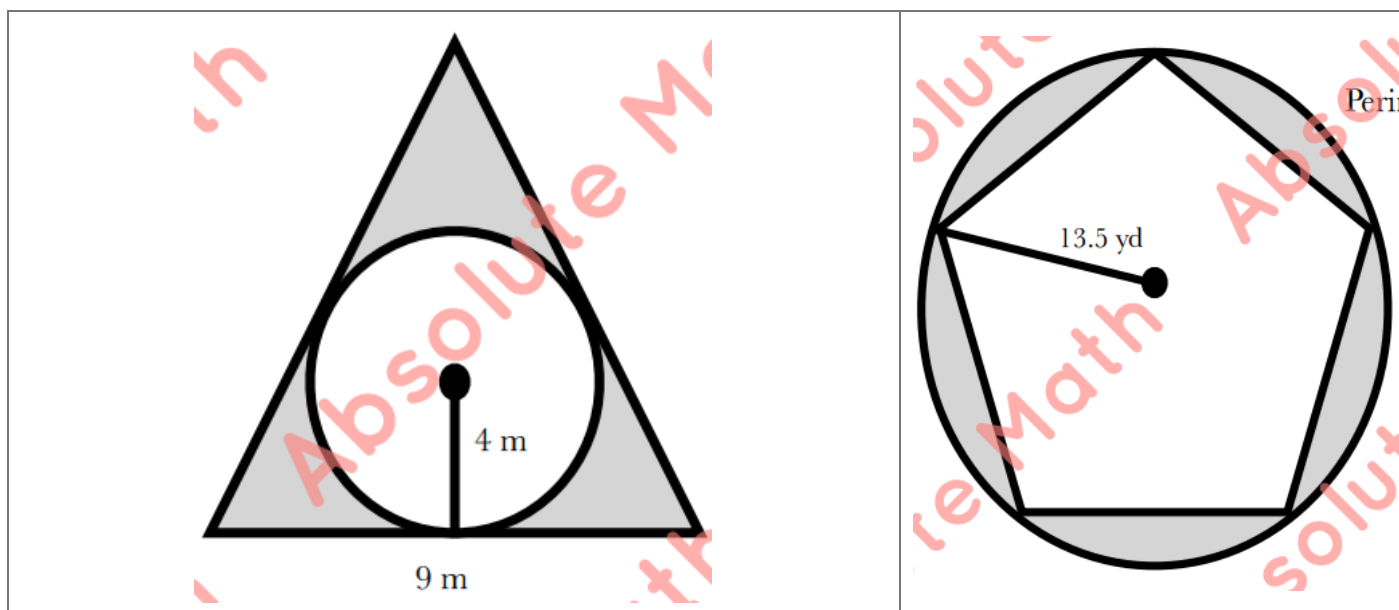
A radius is a _____ that is drawn from the _____ to a _____.
You can use the _____ and the length of one _____ to calculate the _____. Use the _____
Draw a radius for each regular polygon.

Calculate the apothem & area of the regular polygon.

6 in 10 in	7.5 Perimeter is 55.

Calculate the area of the shaded region.

Documents / Resources

Absolute Math Area of Regular Polygons Given an Apothem Guided Notes [pdf] Instructions
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